Appendix A

Claim Amendments

1. (Currently amended) Compounds A compound of formula I,

in which

R1 is hydroxyl, 1-4C-alkoxy, 3-7C-cycloalkoxy, 3-7C-cycloalkylmethoxy, 2,2-difluoroethoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy,

R2 is hydroxyl, 1-4C-alkoxy, 3-7C-cycloalkoxy, 3-7C-cycloalkylmethoxy, 2,2-difluoroethoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy,

or in which

R1 and R2 together are a 1-2C-alkylenedioxy group,

- R3 is hydrogen or 1-4C-alkyl,
- R31 is hydrogen or 1-4C-alkyl,
- either, in a first embodiment (embodiment a) according to the present invention,
- R4 is -O-R41, in which
- R41 is hydrogen, 1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, hydroxy-2-4C-alkyl, 1-7C-alkylcarbonyl, or completely or predominantly fluorine-substituted 1-4C-alkyl, and
- R5 is hydrogen or 1-4C-alkyl,
- or, in a second embodiment (embodiment b) according to the present invention,
- R4 is hydrogen or 1-4C-alkyl, and
- R5 is -O-R51, in which
- R51 is hydrogen, 1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, hydroxy-2-4C-alkyl, 1-7C-alkylcarbonyl, or completely or predominantly fluorine-substituted 1-4C-alkyl,
- Har is optionally substituted by R6 and/or R7 and/or R8, and is a 5- to 10-membered monocyclic monocyclic or fused bicyclic unsaturated or partially saturated heteroaryl radical comprising 1 to 4 heteroatoms independently

- selected independently from the group consisting of oxygen, nitrogen and sulfur, in which
- R6 is halogen, 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-2-4C-alkoxy, 1-4C-alkylthio, sulfanyl, cyano, 1-4C-alkoxycarbonyl, carboxyl, hydroxyl, oxo, -A-N(R61)R62, pyridyl, or completely or partially fluorine-substituted 1-4C-alkyl, in which
- A is a bond or 1-4C-alkylene,
- R61 is hydrogen or 1-4C-alkyl,
- R62 is hydrogen or 1-4C-alkyl,
- or R61 and R62 together and with inclusion of the nitrogen atom, to which they are attached, form a heterocyclic ring Het1, in which
- Het1 is optionally substituted by R611, and is a 3- to 7membered saturated or unsaturated monocyclic
 heterocyclic ring radical comprising the nitrogen atom,
 to which R61 and R62 are bonded, and optionally one to
 three further heteroatoms independently selected from
 the group consisting of oxygen, nitrogen and sulfur, in
 which

R611 is 1-4C-alkyl,

- R7 is 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-2-4C-alkoxy, 1-4C-alkylthio, sulfanyl, hydroxyl, oxo, amino or mono- or di-1-4C-alkylamino,
- R8 is halogen, 1-4C-alkyl or 1-4C-alkoxy,
- or a salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof
- and the salts, the N-oxides and the salts of the N-oxides of these compounds.
- 2. (Currently amended) Compounds A compound of formula I according to claim 1 in which
- R1 is hydroxyl, 1-4C-alkoxy, 3-7C-cycloalkoxy, 3-7C-cycloalkylmethoxy, 2,2-difluoroethoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy,
- R2 is hydroxyl, 1-4C-alkoxy, 3-7C-cycloalkoxy, 3-7C-cycloalkylmethoxy, 2,2-difluoroethoxy, or completely or predominantly fluorine-substituted 1-4C-alkoxy,

or in which

R1 and R2 together are a 1-2C-alkylenedioxy group,

R3 is hydrogen or 1-4C-alkyl,

R31 is hydrogen or 1-4C-alkyl,

- either, in a first embodiment (embodiment a) according to the present invention,
- R4 is -O-R41, in which
- R41 is hydrogen, 1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, hydroxy-2-4C-alkyl, 1-7C-alkylcarbonyl, or completely or predominantly fluorine-substituted 1-4C-alkyl, and
- R5 is hydrogen or 1-4C-alkyl,
- or, in a second embodiment (embodiment b) according to the present invention,
- R4 is hydrogen or 1-4C-alkyl, and
- R5 is -O-R51, in which
- R51 is hydrogen, 1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, hydroxy-2-4C-alkyl, 1-7C-alkylcarbonyl, or completely or predominantly fluorine-substituted 1-4C-alkyl,
- Har is optionally substituted by R6 and/or R7 and/or R8, and is a 5- to 10-membered monocyclic monocylic or fused bicyclic unsaturated or partially saturated heteroaryl radical comprising 1 to 4 heteroatoms independently selected independently from the group consisting of oxygen, nitrogen and sulfur, in which

- R6 is halogen, 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-2-4C-alkoxy, 1-4C-alkylthio, cyano, 1-4C-alkoxycarbonyl, carboxyl, hydroxyl, -A-N(R61)R62, pyridyl, or completely or partially fluorine-substituted 1-4C-alkyl, in which
- A is a bond or 1-4C-alkylene,
- R61 is hydrogen or 1-4C-alkyl,
- R62 is hydrogen or 1-4C-alkyl,
- or R61 and R62 together and with inclusion of the nitrogen atom, to which they are attached, form a heterocyclic ring Het1, in which
- Het1 is optionally substituted by R611, and is a 3- to 7membered saturated or unsaturated monocyclic
 heterocyclic ring radical comprising the nitrogen atom,
 to which R61 and R62 are bonded, and optionally one to
 three further heteroatoms independently selected from
 the group consisting of oxygen, nitrogen and sulfur, in
 which
- R611 is 1-4C-alkyl,
- R7 is 1-4C-alkoxy, 1-4C-alkoxy-2-4C-alkoxy, 1-4C-alkylthio, hydroxyl, amino or mono- or di-1-4C-alkylamino,
- R8 is halogen,
- or a salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof

- 3. (Currently amended) Compounds A compound of formula I according to claim 1 in which
- R1 is 1-2C-alkoxy, 3-5C-cycloalkoxy, 3-5C-cycloalkoxy, 3-5C-cycloalkylmethoxy, 2,2-difluoroethoxy, or completely or predominantly fluorine-substituted 1-2C-alkoxy,
- R2 is 1-2C-alkoxy, 3-5C-cycloalkoxy, 3-5C-cycloalkoxy, 3-5C-cycloalkylmethoxy, 2,2-difluoroethoxy, or completely or predominantly fluorine-substituted 1-2C-alkoxy,
- R3 is hydrogen,
- R31 is hydrogen, [[;]]
- either, in a first embodiment (embodiment a) according to the present invention,
- R4 is -O-R41, in which
- R41 is hydrogen or 1-4C-alkylcarbonyl, and
- R5 is hydrogen,

- or, in a second embodiment (embodiment b) according to the present invention,
- R4 is hydrogen, and
- R5 is -O-R51, in which
- R51 is hydrogen or 1-4C-alkylcarbonyl, [[;]]
- wherein in one embodimental detail according to this
 invention,
- Har is optionally substituted by R6 and/or R7, and is a 9or 10-membered fused bicyclic partially saturated
 heteroaryl radical comprising a heteroatom-free benzene
 ring and, in the other ring, 1 or 2 heteroatoms
 independently selected from the group consisting of
 oxygen, nitrogen and sulfur,

whereby said Har ring system is attached to the parent molecular group via any substitutable carbon atom of the benzene ring,

in which

- R6 is 1-4C-alkyl or halogen,
- R7 is halogen, [[;]]
- or, in another embodimental detail according to this invention,

Har is Cyc2, in which

Cyc2 is optionally substituted by R6 and/or R7 and/or R8, and is a 9- or 10-membered fused bicyclic fully aromatic ring system containing one to four heteroatoms each of which is selected from the group consisting of nitrogen, oxygen and sulphur, and which Cyc2 ring system is made up of a first constituent (constituent m) being a benzene or pyridine ring,

and fused to said first constituent m,

a second constituent (constituent n) being a 5- or 6membered <u>monocyclic</u> <u>monocylic</u> heteroaryl ring
comprising one to three heteroatoms independently
selected from the group consisting of nitrogen, oxygen
and sulphur,

whereby said Cyc2 ring system is attached to the parent molecular group via any substitutable ring carbon atom of the constituent m,

in which

R6 is 1-4C-alkyl or 1-4C-alkoxy,

R7 is 1-4C-alkoxy,

R8 is 1-4C-alkyl, [[;]]

or, in yet another embodimental detail according to this invention,

either

Har is optionally substituted by R6 and/or R7 and/or R8, and is a 6-membered monocyclic unsaturated heteroarly radical comprising one or two nitrogen atoms,

or

Har is optionally substituted by R6 and/or R7, and is a 5-membered monocyclic unsaturated heteroaryl heteroaryl radical comprising one to four heteroatoms independently selected independently from the group consisting of oxygen, nitrogen and sulphur,

in which

R6 is halogen, 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-2-4C-alkoxy, 1-4C-alkylthio, sulfanyl, cyano, 1-4C-alkoxycarbonyl, carboxyl, hydroxyl, oxo, -A-N(R61)R62, or pyridyl, in which

A is a bond or 1-4C-alkylene,

R61 is hydrogen or 1-4C-alkyl,

R62 is hydrogen or 1-4C-alkyl,

or R61 and R62 together and with inclusion of the nitrogen atom, to which they are attached, form a heterocyclic ring Het1, in which

either, in one facet,

Het1 is optionally substituted by R611 on a ring nitrogen atom, and is a 5- to 7-membered saturated monocyclic heterocyclic ring radical comprising the nitrogen atom, to which R61 and R62 are bonded, and optionally one further heteroatom selected from the group consisting of oxygen, nitrogen and sulfur, in which

R611 is 1-4C-alkyl,

or, in another facet,

- Hetl is a 5-membered unsaturated monocyclic heteroaryl radical comprising the nitrogen atom, to which R61 and R62 are bonded, and optionally one to three further nitrogen atoms,
- R7 is 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-2-4C-alkoxy, 1-4C-alkylthio, sulfanyl, hydroxyl, oxo, amino, or monoor di-1-4C-alkylamino,
- R8 is halogen, 1-4C-alkyl or 1-4C-alkoxy,
- or a salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof

and the enantiomers, as well as the salts, the N-oxides and the salts of the N-oxides of these compounds and enantiomers.

- 4. (Currently amended) Compounds A compound of formula I according to claim 1 in which
- R1 is 1-2C-alkoxy, 2,2-difluoroethoxy, or completely or predominantly fluorine-substituted 1-2C-alkoxy,
- R2 is 1-2C-alkoxy, 2,2-difluoroethoxy, or completely or predominantly fluorine-substituted 1-2C-alkoxy,
- R3 is hydrogen,
- R31 is hydrogen, [[;]]
- either, in a first embodiment (embodiment a) according to the present invention,
- R4 is -O-R41, in which
- R41 is hydrogen or 1-4C-alkylcarbonyl, and
- R5 is hydrogen,
- or, in a second embodiment (embodiment b) according to the present invention,
- R4 is hydrogen, and
- R5 is -O-R51, in which
- R51 is hydrogen or 1-4C-alkylcarbonyl, [[;]]
- wherein in one embodimental detail according to this
 invention,

Har is Cycl, in which

Cycl is optionally substituted by halogen on its benzene ring, and is indolinyl, isoindolinyl, tetrahydroquinolinyl, tetrahydroisoquinolinyl, 3,4-dihydrobenzo[1,4]oxazinyl, 1-methyl-indolinyl, 2-methyl-isoindolinyl, 1-methyl-tetrahydroquinolinyl, 2-methyl-tetrahydroisoquinolinyl, 4-methyl-3,4-dihydrobenzo[1,4]oxazinyl, 2,3-dihydrobenzofuranyl, 2,3-dihydrobenzothiophenyl, benzo[1,3]dioxolyl, dihydrobenzo[1,4]dioxinyl, chromanyl, chromenyl, or 2,2-difluoro-benzo[1,3]dioxolyl,

whereby said Cycl ring system is attached to the parent molecular group via any substitutable carbon atom of the benzene ring, [[;]]

or, in another embodimental detail according to this invention,

Har is Cyc2, in which

Cyc2 is optionally substituted by R6 and/or R7 and/or R8, and is a 9- or 10-membered fused bicyclic fully aromatic ring system containing one to three heteroatoms each of which is selected from the group consisting of

nitrogen, oxygen and sulphur, and which Cyc2 ring system is made up of

a first constituent (constituent m) being a benzene or pyridine ring,

and fused to said first constituent m,

a second constituent (constituent n) being a 5- or 6-membered <u>monocyclic</u> monocyclic heteroaryl ring comprising one to three heteroatoms independently selected from the group consisting of nitrogen, oxygen and sulphur,

whereby said Cyc2 ring system is attached to the parent molecular group via any substitutable ring carbon atom of the constituent m,

in which

R6 is 1-4C-alkyl or 1-4C-alkoxy,

R7 is 1-4C-alkoxy,

R8 is 1-4C-alkyl, [[;]]

- or, in yet another embodimental detail according to this invention,
- Har is optionally substituted by R6 and/or R7 and/or R8, and is a pyridinyl, pyrimidinyl, pyrazinyl or pyridazinyl radical, in which

- R6 is halogen, 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkylthio, 1-4C-alkoxycarbonyl, carboxyl, hydroxyl, oxo, or -A-N(R61)R62, in which
- A is a bond or 1-4C-alkylene,
- R61 is 1-4C-alkyl,
- R62 is 1-4C-alkyl,
- or R61 and R62 together and with inclusion of the nitrogen atom, to which they are attached, form a heterocyclic ring Het1, in which

either

Het1 is piperidin-1-yl, pyrrolidin-1-yl, morpholin-4-yl, thiomorpholin-4-yl, piperazin-1-yl or 4N-methyl-piperazin-1-yl,

or

- Het1 is pyrrol-1-yl, pyrazol-1-yl, triazol-1-yl or imidazol-1-yl,
- R7 is 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkylthio, hydroxyl, oxo, or di-1-4C-alkylamino,
- R8 is halogen, 1-4C-alkyl or 1-4C-alkoxy, [[;]]
- or, in still yet another embodimental detail according to this invention,

Har is optionally substituted by R6 and/or R7, and is a 5-membered monocyclic unsaturated heteroaryl heteroarly radical comprising one to four heteroatoms independently selected independently from the group consisting of oxygen, nitrogen and sulphur,

in which

R6 is 1-4C-alkyl, or pyridyl,

R7 is 1-4C-alkyl,

or a salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof

and the enantiomers, as well as the salts, the N-oxides and the salts of the N-oxides of these compounds and enantiomers.

- 5. (Currently amended) $\frac{A}{A}$ compound of formula I according to claim 1 in which
- one of R1 and R2 is methoxy or ethoxy, and the other is methoxy, ethoxy, 2,2-difluoroethoxy or difluoromethoxy,
- R3 is hydrogen,
- R31 is hydrogen, [[;]]
- R4 is -O-R41, in which
- R41 is hydrogen or 1-4C-alkylcarbonyl, and
- R5 is hydrogen,

in one embodimental detail according to this invention,

Har is Cycl, in which

Cycl is optionally substituted by chlorine on its benzene ring, and is indolinyl, isoindolinyl, tetrahydroquinolinyl, tetrahydroisoquinolinyl, or 3,4-dihydrobenzo[1,4]oxazinyl, 1-methyl-indolinyl, 2-methyl-isoindolinyl, 1-methyl-tetrahydroquinolinyl, 2-methyl-tetrahydroisoquinolinyl, or 4-methyl-3,4-dihydrobenzo[1,4]oxazinyl, 2,3-dihydrobenzofuranyl, 2,3-dihydrobenzothiophenyl, benzo[1,3]dioxolyl, dihydrobenzo[1,4]dioxinyl, chromanyl, chromenyl, or 2,2-difluoro-benzo[1,3]dioxolyl,

whereby said Cycl ring system is attached to the parent molecular group via any substitutable carbon atom of the benzene ring, [[;]]

or, in another embodimental detail according to this invention,

Har is Cyc2, in which

Cyc2 is optionally substituted by R6 and/or R7, and is either

pyrazolopyridinyl or 1-methyl-pyrazolopyridinyl,

whereby these radicals may be attached to the parent molecular group via the pyridine ring,

or

benzothiazolyl, benzoxazolyl, benzimidazolyl, indazolyl, 1-methyl-benzimidazolyl, 1-methyl-indazolyl, benzoxadiazolyl, benzotriazolyl, 1H-methyl-benzotriazolyl, benzothiadiazolyl, quinolinyl, isoquinolinyl, quinoxalinyl, quinazolinyl or cinnolinyl,

whereby these radicals may be attached to the parent molecular group via the benzene ring,

in which

R6 is 1-4C-alkyl or 1-4C-alkoxy, R7 is 1-4C-alkoxy, [[;]]

- or, in yet another embodimental detail according to this invention,
- Har is optionally substituted by R6 and/or R7 and/or R8, and is a pyridinyl, pyrimidinyl, pyrazinyl or pyridazinyl radical, in which
- R6 is halogen, 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkylthio, 1-4C-alkoxycarbonyl, carboxyl, hydroxyl, oxo, or -A-N(R61)R62, in which

A is a bond or 1-4C-alkylene,

R61 is 1-4C-alkyl,

R62 is 1-4C-alkyl,

or R61 and R62 together and with inclusion of the nitrogen atom, to which they are attached, form a heterocyclic ring Het1, in which

either

Het1 is piperidin-1-yl, pyrrolidin-1-yl, morpholin-4-yl, thiomorpholin-4-yl, piperazin-1-yl or 4N-methyl-piperazin-1-yl,

or

- Het1 is pyrrol-1-yl, pyrazol-1-yl, triazol-1-yl or imidazol-1-yl,
- R7 is 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkylthio, hydroxyl, oxo, or di-1-4C-alkylamino,
- R8 is halogen, 1-4C-alkyl or 1-4C-alkoxy, [[;]]
- or, in still yet another embodimental detail according to this invention,
- Har is optionally substituted by R6 and/or R7, and is a 5-membered monocyclic unsaturated heteroaryl heteroarly radical comprising one to four heteroatoms independently

selected independently from the group consisting of oxygen, nitrogen and sulphur,

in which

R6 is 1-4C-alkyl, or pyridyl, .

R7 is 1-4C-alkyl,

or a salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof

and the enantiomers, as well as the salts, the N-oxides and the salts of the N-oxides of these compounds and enantiomers.

- 6. (Currently amended) Compounds A compound of formula I according to claim 1 in which
- R1 is methoxy or ethoxy,
- R2 is methoxy, ethoxy, 2,2-difluoroethoxy or difluoromethoxy,
- R3 is hydrogen,
- R31 is hydrogen, [[;]]
- R4 is -O-R41, in which
- R41 is hydrogen or acetyl, and
- R5 is hydrogen,

in one embodimental detail according to this invention,

Har is Cycl, in which

- Cycl is benzo[1,3]dioxol-5-yl, dihydrobenzo[1,4]dioxin-5-yl, 2,2-difluoro-benzo[1,3]dioxol-5-yl, or 5-chloro-4-methyl-3,4-dihydrobenzo[1,4]oxazin-7-yl, [[;]]
- or, in another embodimental detail according to this invention,

Har is Cyc2, in which

- Cyc2 is quinolin-6-yl, benzofurazan-5-yl, benzothiazol-6-yl, 1-methyl-1H-benzotriazol-5-yl or 4-methoxy-1,3-dimethyl-1H-pyrazolo[3,4-b]pyridin-5-yl, benzo[1,2,3]thiadiazol-5-yl or quinoxalin-5-yl, [[;]]
- or, in yet another embodimental detail according to this invention,
- Har is optionally substituted by R6 and/or R7 and/or R8, and is a pyridinyl, pyrimidinyl, pyrazinyl or pyridazinyl radical, in which
- R6 is chlorine, methyl, methoxy, ethoxy, methylthio, methoxycarbonyl, carboxyl, hydroxyl, oxo, or -A-N(R61)R62, in which
- A is a bond or ethylene,

R61 is methyl,

R62 is methyl,

or R61 and R62 together and with inclusion of the nitrogen atom, to which they are attached, form a heterocyclic ring Het1, in which

either

Het1 is piperidin-1-yl, pyrrolidin-1-yl or morpholin-4-yl, or

Het1 is pyrazol-1-yl or imidazol-1-yl,

R7 is methyl, methoxy, ethoxy, methylthio or dimethylamino,
R8 is chlorine or methoxy, [[;]]

or, in still yet another embodimental detail according to this invention,

Har is isoxazolyl, 1-methylimidazolyl, or pyridyl-thiazolyl,
[[;]]

or a salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof

and the enantiomers, as well as the salts, the N-oxides and the salts of the N-oxides of these compounds and enantiomers.

7. (Currently amended) Compounds A compound of formula I according to claim 1 in which

- R1 is methoxy,
- R2 is methoxy, ethoxy, 2,2-difluoroethoxy or difluoromethoxy,
- R3 is hydrogen,
- R31 is hydrogen, [[;]]
- R4 is -O-R41, in which
- R41 is hydrogen or acetyl, and
- R5 is hydrogen,

in one embodimental detail according to this invention, Har is Cycl, in which

- Cycl is benzo[1,3]dioxol-5-yl, dihydrobenzo[1,4]dioxin-5-yl, 2,2-difluoro-benzo[1,3]dioxol-5-yl, or 5-chloro-4-methyl-3,4-dihydrobenzo[1,4]oxazin-7-yl, [[;]]
- or, in another embodimental detail according to this invention,

Har is Cyc2, in which

Cyc2 is quinolin-6-yl, benzofurazan-5-yl, benzothiazol-6-yl, 1-methyl-1H-benzotriazol-5-yl or 4-methoxy-1,3-dimethyl-1H-pyrazolo[3,4-b]pyridin-5-yl, benzo[1,2,3]thiadiazol-5-yl or quinoxalin-5-yl, [[;]]

or, in yet another embodimental detail according to this invention,

pyridin-3-yl, pyridin-4-yl, 6-(morpholin-4-yl)-Har is pyridin-3-yl, 6-(piperidin-1-yl)-pyridin-3-yl, (pyrazol-1-yl)-pyridin-3-yl, 6-(imidazol-1-yl)-pyridin-3-yl, 6-methoxycarbonyl-pyridin-3-yl, 3-methoxycarbonylpyridin-2-yl, 2-methoxy-pyridin-3-yl, 6-methoxy-pyridin-3-yl, 2-methylsulfanyl-pyridin-3-yl, 6-hydroxy-pyridin-3-yl, 6-carboxy-pyridin-3-yl, pyrimidin-5-yl, 2-methoxy-2-dimethylamino-pyrimidin-5-yl, pyrimidin-5-yl, methylsulfanyl-pyrimidin-5-yl, pyrazin-2-yl, 5-methylpyrazin-2-yl, 6-[2-(pyrrolidin-1-yl)-ethyl]-pyridin-3yl, 2,6-dimethoxy-pyridin-3-yl, 2,6-dimethoxy-pyridin-4yl, 4,6-dimethoxy-pyridin-3-yl, 5,6-dimethoxy-pyridin-3-4,6-diethoxy-pyridin-3-yl, 5-ethoxy-6-methoxyyl, pyridin-3-yl, 1-methyl-1H-pyridin-2-one-5-yl, dimethoxy-pyrimidin-4-yl, 2,4-dimethoxy-pyrimidin-5-yl, 4,6-dimethoxy-pyrimidin-5-yl, 4-methyl-2-methylsulfanylpyrimidin-5-yl, 5-chloro-2-methylsulfanyl-pyrimidin-4-4-chloro-2-dimethylamino-pyrimidin-5-yl, yl, dimethylamino-4-methoxy-pyrimidin-5-yl, 1-methyl-1Hpyrimidin-2-one-5-yl, 3,6-dimethoxy-pyridazin-4-yl, 4chloro-2,6-dimethoxy-pyridin-3-yl, 3-chloro-2,6dimethoxy-pyridin-4-yl, 5-chloro-2,6-bisdimethylaminopyrimidin-4-yl, or 2,4,6-trimethoxy-pyrimidin-5-yl,
[[;1]

- or, in still yet another embodimental detail according to this invention,
- Har is isoxazol-5-yl, 1-methylimidazol-2-yl, 1-methylimidazol-5-yl, or 2-(pyridin-3-yl)-thiazol-4-yl,

 [[;]]
- or a salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof

and the enantiomers, as well as the salts, the N-oxides and the salts of the N-oxides of these compounds and enantiomers.

- 8. (Currently amended) $\frac{A}{A}$ compound of formula I according to claim 1 in which
- R1 is methoxy,
- R2 is ethoxy, 2,2-difluoroethoxy or difluoromethoxy,
- R3 is hydrogen,
- R31 is hydrogen, [[;]]
- R4 is -O-R41, in which
- R41 is hydrogen, and

R5 is hydrogen,

in one embodimental detail according to this invention,
Har is Cycl, in which

- Cyc1 is benzo[1,3]dioxol-5-yl, dihydrobenzo[1,4]dioxin-5-yl, 2,2-difluoro-benzo[1,3]dioxol-5-yl, or 5-chloro-4-methyl-3,4-dihydrobenzo[1,4]oxazin-7-yl, [[;]]
- or, in another embodimental detail according to this invention,

Har is Cyc2, in which

- Cyc2 is quinolin-6-yl, benzofurazan-5-yl, benzothiazol-6-yl, 1-methyl-1H-benzotriazol-5-yl or 4-methoxy-1,3-dimethyl-1H-pyrazolo[3,4-b]pyridin-5-yl, benzo[1,2,3]thiadiazol-5-yl or quinoxalin-5-yl, [[;]]
- or, in yet another embodimental detail according to this invention,
- Har is pyridin-3-yl, pyridin-4-yl, 6-(morpholin-4-yl)pyridin-3-yl, 6-(piperidin-1-yl)-pyridin-3-yl, 6(pyrazol-1-yl)-pyridin-3-yl, 6-(imidazol-1-yl)-pyridin3-yl, 6-methoxycarbonyl-pyridin-3-yl, 3-methoxycarbonylpyridin-2-yl, 2-methoxy-pyridin-3-yl, 6-methoxy-pyridin-

3-yl, 2-methylsulfanyl-pyridin-3-yl, 6-hydroxy-pyridin-3-yl, 6-carboxy-pyridin-3-yl, pyrimidin-5-yl, 2-methoxypyrimidin-5-yl, 2-dimethylamino-pyrimidin-5-yl, methylsulfanyl-pyrimidin-5-yl, pyrazin-2-yl, 5-methylpyrazin-2-yl, 6-[2-(pyrrolidin-1-yl)-ethyl]-pyridin-3yl, 2,6-dimethoxy-pyridin-3-yl, 2,6-dimethoxy-pyridin-4yl, 4,6-dimethoxy-pyridin-3-yl, 5,6-dimethoxy-pyridin-3yl, 4,6-diethoxy-pyridin-3-yl, 5-ethoxy-6-methoxypyridin-3-yl, 1-methyl-1H-pyridin-2-one-5-yl, dimethoxy-pyrimidin-4-yl, 2,4-dimethoxy-pyrimidin-5-yl, 4,6-dimethoxy-pyrimidin-5-yl, 4-methyl-2-methylsulfanylpyrimidin-5-yl, 5-chloro-2-methylsulfanyl-pyrimidin-4-4-chloro-2-dimethylamino-pyrimidin-5-yl, yl, dimethylamino-4-methoxy-pyrimidin-5-yl, 1-methyl-1Hpyrimidin-2-one-5-yl, 3,6-dimethoxy-pyridazin-4-yl, chloro-2,6-dimethoxy-pyridin-3-yl, 3-chloro-2,6dimethoxy-pyridin-4-yl, 5-chloro-2,6-bisdimethylaminopyrimidin-4-yl, or 2,4,6-trimethoxy-pyrimidin-5-yl, [[;]]

or, in still yet another embodimental detail according to this invention,

- Har is isoxazol-5-yl, 1-methylimidazol-2-yl, 1methylimidazol-5-yl, or 2-(pyridin-3-yl)-thiazol-4-yl,
 [[;]]
- or a salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof

and the enantiomers, as well as the salts, the N-oxides and the salts of the N-oxides of these compounds and enantiomers.

- 9. (Currently amended) Compounds A compound of formula I according to claim 1 [[or 2]] in which
- R1 is 1-2C-alkoxy, 2,2-difluoroethoxy, or completely or predominantly fluorine-substituted 1-2C-alkoxy,
- R2 is 1-2C-alkoxy, 2,2-difluoroethoxy, or completely or predominantly fluorine-substituted 1-2C-alkoxy,
- R3 is hydrogen,
- R31 is hydrogen,
- R4 is -O-R41, in which
- R41 is hydrogen,
- R5 is hydrogen,
- in one embodimental detail (detail 1) according to this invention,

Har is optionally substituted by R6 and/or R7, and is benzo[1,4]dioxanyl or benzo[1,3]dioxolyl, in which

R6 is fluorine,

R7 is fluorine, [[;]]

or, in another embodimental detail (detail 2) according to this invention,

Har is quinolinyl, benzofurazanyl or benzothiazolyl, [[;]]

or, in yet another embodimental detail (detail 3) according to this invention,

either

Har is optionally substituted by R6 and/or R7, and is pyridinyl, in which

R6 is 1-4C-alkoxy, -A-N(R61)R62, in which

A is a bond,

R61 and R62 together and with inclusion of the nitrogen atom, to which they are attached, form a heterocyclic ring Het1, in which

Hetl is morpholinyl, thiomorpholinyl, N-(R611)-piperazinyl or 4-N-(R611)-homopiperazinyl, in which

R611 is 1-2C-alkyl,

R7 is 1-4C-alkoxy,

or

- Har is optionally substituted by R6, and is isoxazolyl, imidazolyl or thiazolyl, in which
- R6 is 1-4C-alkyl or pyridyl, [[;]]
- or a salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof
- and the salts, the N-oxides and the salts of the N-oxides of these compounds.
- 10. (Currently amended) Compounds A compound of formula I according to claim 1 in which
- R1 is 1-2C-alkoxy, 2,2-difluoroethoxy, or completely or predominantly fluorine-substituted 1-2C-alkoxy,
- R2 is 1-2C-alkoxy, 2,2-difluoroethoxy, or completely or predominantly fluorine-substituted 1-2C-alkoxy,
- R3 is hydrogen,
- R31 is hydrogen, [[;]]
- R4 is -O-R41, in which
- R41 is hydrogen,
- R5 is hydrogen, [[;]]

in one embodimental detail according to this invention,

Har is Cycl, in which

Cycl is dihydrobenzo[1,4]dioxinyl, benzo[1,3]dioxolyl or 2,2-difluoro-benzo[1,3]dioxolyl, such as e.g. dihydrobenzo[1,4]dioxin 6-yl, benzo[1,3]dioxol 5-yl, or 2,2-difluoro-benzo[1,3]dioxol-5-yl;

or, in another embodimental detail according to this invention,

Har is Cyc2, in which

either

Cyc2 is quinolinyl, benzofurazanyl or benzothiazolyl, such as e.g. quinolin-6-yl, benzofurazan-5-yl or benzothiazol-6-yl,

or

Cyc2 is 1-(1-4C-alkyl)-1H-benzotriazolyl or 1-(1-4C-alkyl)4-methoxy-3-methyl-1H-pyrazolo[3,4-b]pyridinyl,

such as e.g. 1 methyl 1H-benzotriazol-5-yl or 4-methoxy1,3-dimethyl-1H-pyrazolo[3,4-b]pyridin-5-yl;

or, in yet another embodimental detail according to this invention,

either

Har is pyridinyl, pyrimidinyl, isoxazolyl, 1-(1-4C-alkyl)1H-imidazolyl, methyl-pyrazinyl or pyridyl-thiazolyl,
such as e.g. pyridin-3-yl, pyridin-4-yl, pyrimidin-5-yl,
pyrazin-2-yl, 5-methyl-pyrazin-2-yl, isoxazol-5-yl, 1methyl-imidazol-2-yl, 1-methyl-imidazol-5-yl or 2(pyridin-3-yl) thiazol-4-yl,

or

Har is substituted by R6 and/or R7 and/or R8, and is pyrimidinyl, in which

R6 is 1-4C-alkoxy,

R7 is 1-4C-alkoxy,

R8 is 1-4C-alkoxy,

such as e.g. 2,6-dimethoxypyrimidin 4 yl, 2-methoxy-pyrimidin-5-yl, 2,4,6 -trimethoxy-pyrimidin-5-yl, 2,4-dimethoxy-pyrimidin-5-yl or 2,6-dimethoxy-pyrimidin-4-yl,

or

Har is substituted by R6, and is pyridinyl, in which R6 is 1-4C-alkoxycarbonyl,

such as e.g. 6-(methoxyearbonyl)-pyridin-3-yl-or-5-(methoxyearbonyl)-pyridin-2-yl,

or

Har is substituted by R6, and is pyridinyl, in which

R6 is morpholin-4-yl, piperidin-1-yl, pyrazol-1-yl or imidazol-1-yl,

such as e.g. 6 (morpholin-4-yl) -pyridin-3-yl, 6
(piperidin-1-yl) -pyridin-3-yl, 6 (pyrazol-1-yl) -pyridin3-yl or 6 (imidazol-1-yl) -pyridin-3-yl,

or

Har is substituted by R6 and/or R7, and is pyridinyl, in which

R6 is 1-4C-alkoxy,

R7 is 1-4C-alkoxy,

such as e.g. 2,6-dimethoxy-pyridin-4-yl, 2,6-dimethoxy-pyridin-3-yl or 2-methoxy-pyridin-3-yl,

or

Har is substituted by R6 and R7 and R8, and is pyridinyl, in which

R6 is 1-4C-alkoxy,

R7 is 1-4C-alkoxy,

R8 is chlorine,

such as e.g. 3-chloro-2,6-dimethoxy-pyridin-4-yl;

or a salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof

and the salts, the N-oxides and the salts of the N-oxides of these compounds.

- 11. (Currently amended) Compounds A compound of formula I according to claim 1 in which
- R1 is 1-2C-alkoxy, 2,2-difluoroethoxy, or completely or predominantly fluorine-substituted 1-2C-alkoxy,
- R2 is 1-2C-alkoxy, 2,2-difluoroethoxy, or completely or predominantly fluorine-substituted 1-2C-alkoxy,
- R3 is hydrogen,
- R31 is hydrogen,
- R4 is -O-R41, in which
- R41 is hydrogen or 1-4C-alkylcarbonyl,
- R5 is hydrogen,
- Har is optionally substituted by R6 and/or R7 and/or R8, and is a pyridinyl, pyrimidinyl, pyrazinyl or pyridazinyl radical, in which
- R6 is halogen, 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkylthio, 1-4C-alkoxycarbonyl, carboxyl, hydroxyl, oxo, or -A-N(R61)R62, in which
- A is a bond or 1-4C-alkylene,
- R61 is 1-4C-alkyl,
- R62 is 1-4C-alkyl,

or R61 and R62 together and with inclusion of the nitrogen atom, to which they are attached, form a heterocyclic ring Het1, in which

either

Het1 is piperidin-1-yl, pyrrolidin-1-yl, morpholin-4-yl, thiomorpholin-4-yl, piperazin-1-yl or 4N-methyl-piperazin-1-yl,

or

- Het1 is pyrrol-1-yl, pyrazol-1-yl, triazol-1-yl or imidazol-1-yl,
- R7 is 1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkylthio, hydroxyl, oxo, or di-1-4C-alkylamino,
- R8 is halogen, 1-4C-alkyl or 1-4C-alkoxy,
- or a salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof

and the enantiomers, as well as the salts, the N-oxides and the salts of the N-oxides of these compounds and enantiomers.

12. (Currently amended) $\frac{A}{A}$ compound of formula I according to claim 1 in which

R1 is methoxy,

R2 is methoxy, ethoxy, difluoromethoxy or 2,2-difluoroethoxy,

R3 is hydrogen,

R31 is hydrogen,

R4 is -O-R41, in which

R41 is hydrogen,

R5 is hydrogen,

Har is substituted by R6, and is pyridinyl, in which

R6 is methoxy, ethoxy, methylthio, methoxycarbonyl, hydroxyl, carboxyl, or -A-N(R61)R62, in which

A is a bond, or ethylene,

R61 is methyl,

R62 is methyl,

or R61 and R62 together and with inclusion of the nitrogen atom, to which they are attached, form a heterocyclic ring Het1, in which

either

Het1 is piperidin-1-yl, pyrrolidin-1-yl or morpholin-4-yl, or

Het1 is pyrazol-1-yl or imidazol-1-yl,

or a salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof

- 13. (Currently amended) Compounds A compound of formula I according to claim 1 in which
- R1 is methoxy,
- R2 is methoxy, ethoxy, difluoromethoxy or 2,2-difluoroethoxy,
- R3 is hydrogen,
- R31 is hydrogen,
- R4 is -O-R41, in which
- R41 is hydrogen,
- R5 is hydrogen,
- Har is 6-(morpholin-4-yl)-pyridin-3-yl, 6-(piperidin-1-yl)
 pyridin-3-yl, 6-(pyrazol-1-yl)-pyridin-3-yl, 6
 (imidazol-1-yl)-pyridin-3-yl, 6-methoxycarbonyl-pyridin
 3-yl, 3-methoxycarbonyl-pyridin-2-yl,
 - 2-methoxy-pyridin-3-yl, 6-methoxy-pyridin-3-yl, 2-methylsulfanyl-pyridin-3-yl, 6-hydroxy-pyridin-3-yl, 6-carboxy-pyridin-3-yl, 2-methoxy-pyrimidin-5-yl, 2-dimethylamino-pyrimidin-5-yl, 2-methylsulfanyl-

- pyrimidin-5-yl, 5-methyl-pyrazin-2-yl, or 6-[2(pyrrolidin-1-yl)-ethyl]-pyridin-3yl,
- or a salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof

- 14. (Currently amended) Compounds A compound of formula I according to claim 1 in which
- R1 is methoxy,
- R2 is methoxy, ethoxy, difluoromethoxy or 2,2-difluoroethoxy,
- R3 is hydrogen,
- R31 is hydrogen,
- R4 is -O-R41, in which
- R41 is hydrogen,
- R5 is hydrogen,

either

- Har is substituted by R6 and R7, and is a pyridinyl, pyrimidinyl, pyridazinyl or pyrazinyl radical, in which
- R6 is methoxy or ethoxy, and
- R7 is methoxy or ethoxy,

```
or
R6
   is oxo, and
   is methyl,
R7
or
   is methylthio, and
   is methyl,
R7
or
R6
   is chlorine, and
R7
   is methylthio,
or
   is dimethylamino, and
R7
   is methoxy or ethoxy,
or
   is dimethylamino, and
R6
   is dimethylamino,
R7
or
Har is substituted by R6 and R8, and is a pyridinyl,
   pyrimidinyl, pyridazinyl or pyrazinyl radical, in which
R6 is dimethylamino, and
R8 is chlorine,
or a salt, enantiomer, N-oxide, salt of an N-oxide or
```

enantiomer thereof

15. (Currently amended) Compounds A compound of formula I according to claim 1 in which

R1 is methoxy,

R2 is methoxy, ethoxy, difluoromethoxy or 2,2-difluoroethoxy,

R3 is hydrogen,

R31 is hydrogen,

R4 is -O-R41, in which

R41 is hydrogen,

R5 is hydrogen,

Har is substituted by R6 and R7, and is pyridinyl, in which either

R6 is methoxy or ethoxy, and

R7 is methoxy or ethoxy,

or

R6 is oxo, and

R7 is methyl,

or a salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof

16. (Currently amended) Compounds A compound of formula I according to claim 1 in which

R1 is methoxy,

R2 is methoxy, ethoxy, difluoromethoxy or 2,2-difluoroethoxy,

R3 is hydrogen,

R31 is hydrogen,

R4 is -O-R41, in which

R41 is hydrogen,

R5 is hydrogen,

either

Har is substituted by R6 and R7, and is pyrimidinyl, in which

R6 is methoxy or ethoxy, and

R7 is methoxy or ethoxy,

or

R6 is oxo, and

R7 is methyl,

or

- R6 is methylthio, and
- R7 is methyl,

or

- R6 is chlorine, and
- R7 is methylthio,

or

- R6 is dimethylamino, and
- R7 is methoxy or ethoxy,

or

- Har is substituted by R6 and R8, and is pyrimidinyl, in which
- R6 is dimethylamino, and
- R8 is chlorine,
- or a salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof

- 17. (Currently amended) Compounds A compound of formula I according to claim 1 in which
- R1 is methoxy,

- R2 is methoxy, ethoxy, difluoromethoxy or 2,2-difluoroethoxy,
- R3 is hydrogen,
- R31 is hydrogen,
- R4 is -O-R41, in which
- R41 is hydrogen,
- R5 is hydrogen,
- Har is substituted by R6 and R7, and is pyridazinyl, in which
- R6 is methoxy or ethoxy, and
- R7 is methoxy or ethoxy,
- or a salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof

- 18. (Currently amended) Compounds A compound of formula I according to claim 1 in which
- R1 is methoxy,
- R2 is methoxy, ethoxy, difluoromethoxy or 2,2-difluoroethoxy,
- R3 is hydrogen,

R31 is hydrogen,

R4 is -O-R41, in which

R41 is hydrogen,

R5 is hydrogen,

- Har is 2,6-dimethoxy-pyridin-3-yl, 2,6-dimethoxy-pyridin-4-yl, 4,6-dimethoxy-pyridin-3-yl, 5,6-dimethoxy-pyridin-3-yl, 4,6-diethoxy-pyridin-3-yl, 5-ethoxy-6-methoxy-pyridin-3-yl, 1-methyl-1H-pyridin-2-one-5-yl, 2,6-dimethoxy-pyrimidin-4-yl, 2,4-dimethoxy-pyrimidin-5-yl, 4,6-dimethoxy-pyrimidin-5-yl, 4-methyl-2-methylsulfanyl-pyrimidin-5-yl, 5-chloro-2-methylsulfanyl-pyrimidin-4-yl, 4-chloro-2-dimethylamino-pyrimidin-5-yl, 2-dimethylamino-4-methoxy-pyrimidin-5-yl, 1-methyl-1H-pyrimidin-2-one-5-yl, or 3,6-dimethoxy-pyridazin-4-yl,
- or a salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof

- 19. (Currently amended) Compounds A compound of formula I according to claim 1 in which
- R1 is methoxy,

```
R2
   is ethoxy, difluoromethoxy or 2,2-difluoroethoxy,
R3 is hydrogen,
R31 is hydrogen,
R4 is -O-R41, in which
R41 is hydrogen,
R5 is hydrogen,
Har is any one selected from the group consisting of
6-(imidazol-1-yl)-pyridin-3-yl, pyrimidin-5-yl,
2-methoxy-pyrimidin-5-yl, 2-dimethylamino-pyrimidin-5-yl,
2-methylsulfanyl-pyrimidin-5-yl,
2,6-dimethoxy-pyridin-3-yl, 2,6-dimethoxy-pyridin-4-yl,
4,6-dimethoxy-pyridin-3-yl,
                                5,6-dimethoxy-pyridin-3-yl,
4,6-diethoxy-pyridin-3-yl, 5-ethoxy-6-methoxy-pyridin-3-yl,
1-methyl-1H-pyridin-2-one-5-yl,
2,6-dimethoxy-pyrimidin-4-yl, 2,4-dimethoxy-pyrimidin-5-yl,
4,6-dimethoxy-pyrimidin-5-yl,
2-dimethylamino-4-methoxy-pyrimidin-5-yl,
                                             1-methyl-1H-
pyrimidin-2-one-5-yl, and
3,6-dimethoxy-pyridazin-4-yl,
or a salt, enantiomer, N-oxide, salt of an N-oxide
   enantiomer thereof
```

- 20. (Currently amended) Compounds A compound of formula I according to claim 1 any of the preceding claims comprising one or more of the following:
- R1 is methoxy,
- R2 is ethoxy, difluoromethoxy or 2,2-difluoroethoxy, and
- R3 and R31 are both hydrogen, [[;]]
- R4 is -O-R41, in which
- R41 is hydrogen, and
- R5 is hydrogen, [[;]]
- Har is substituted by R6 and R7, and is $pyridinyl_{\underline{\prime}}$ [[;]] and
- Har is optionally substituted by R6 and/or R7, and is pyrimidinyl or pyridazinyl, [[;]]
- or a salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof

- 21. (Currently amended) Compounds A compound of formula I according to claim 1 any of the preceding claims comprising one or more of the following:
- R1 is methoxy,
- R2 is ethoxy, difluoromethoxy or 2,2-difluoroethoxy, and
- R3 and R31 are both hydrogen, [[;]]
- R4 is -O-R41, in which
- R41 is hydrogen, and
- R5 is hydrogen, [[;]] and
- Har is either N-methyl-pyrid-2-onyl or N-methyl-pyrimid-2-onyl,
 - or imidazol-1-yl-pyridinyl or pyrazol-1-yl-pyridinyl,
 - or methylthio-pyrimidinyl, methoxy-pyrimidinyl,
 - dimethylamino-pyrimidinyl or pyrimidinyl,

or

- Har is substituted by R6 and R7, and is pyridinyl, in which
- R6 is methoxy or ethoxy, and
- R7 is methoxy or ethoxy,

or

- Har is substituted by R6 and R7, and is pyrimidinyl or pyridazinyl, in which
- R6 is methoxy, ethoxy or dimethylamino, and
- R7 is methoxy or ethoxy, [[;]]

or a salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof

and the enantiomers, as well as the salts, the N-oxides and the salts of the N-oxides of these compounds and enantiomers.

22. (Currently amended) Compounds A compound of formula I according to claim 1 which is [[are]] selected from the group consisting of

(2RS, 4aRS, 10bRS) -6-(2, 6-Dimethoxy-pyridin-3-yl)-9-ethoxy-8methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol,

2RS, 4aRS, 10bRS) -9-Ethoxy-8-methoxy-6-(3-methyl-3H-imidazol4-yl)-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol,

(2RS, 4aRS, 10bRS) -9-Ethoxy-8-methoxy-6-(2-pyridin-3-ylthiazol-4-yl)-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol,

(2RS, 4aRS, 10bRS) -9-Ethoxy-6-isoxazol-5-yl-8-methoxy1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol,

(2RS, 4aRS, 10bRS)-8,9-Dimethoxy-6-pyridin-4-yl1,2,3,4,4a,10b-hexahydrophenanthridin-2-ol,

(2RS, 4aRS, 10bRS)-8,9-Dimethoxy-6-pyridin-3-yl1,2,3,4,4a,10b-hexahydro-

```
phenanthridin-2-ol,
    (2RS, 4aRS, 10bRS) -8, 9-Dimethoxy-6-(6-morpholin-4-yl-pyridin-
   3-y1)-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol,
   (2RS, 4aRS, 10bRS) - 6 - Benzo[1, 2, 5] oxadiazol-5 - yl - 9 - (1, 1 - yl)
   difluoro-methoxy)-8-methoxy-1,2,3,4,4a,10b-hexahydro-
  phenanthridin-2-ol,
   (2RS, 4aRS, 10bRS) -6-Benzo[1,2,5] oxadiazol-5-yl-9-(2,2-
  difluoro-ethoxy)-8-methoxy-1,2,3,4,4a,10b-hexahydro-
  phenanthridin-2-ol,
   (2RS, 4aRS, 10bRS) - 6 - Benzo[1, 2, 5] oxadiazol-5 - yl - 8 - (1, 1 - yl)
  difluoro-methoxy)-9-methoxy-1,2,3,4,4a,10b-hexahydro-
  phenanthridin-2-ol,
   (2RS, 4aRS, 10bRS) - 6 - (2, 3 - Dihydro-benzo[1, 4] dioxin-6-yl) - 9 - (2RS, 4aRS, 10bRS) - 6 - (2, 3 - Dihydro-benzo[1, 4] dioxin-6-yl) - 9 - (2RS, 4aRS, 10bRS) - 6 - (2, 3 - Dihydro-benzo[1, 4] dioxin-6-yl) - 9 - (2RS, 4aRS, 10bRS) - 6 - (2RS, 4aRS, 10bRS) - (2RS, 4aRS, 10RS, 10RS, 10RS) - (2RS, 4aRS, 10RS, 10RS, 10RS, 10RS, 10RS, 10RS) - (2RS, 4aRS, 10RS, 10RS, 10RS
  ethoxy-8-methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-
  ol,
  (2RS, 4aRS, 10bRS) -6-Benzo[1,3]dioxol-5-yl-9-ethoxy-8-
 methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol,
  (2RS, 4aRS, 10bRS)-6-Benzothiazol-6-yl-9-ethoxy-8-methoxy-
1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol,
  (2RS, 4aRS, 10bRS) -8, 9-Dimethoxy-6-quinolin-6-yl-
 1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol,
  (2RS, 4aRS, 10bRS) -6-(2, 2-Difluoro-benzo[1, 3]dioxol-5-yl)-
 8,9-dimethoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol,
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(2RS, 4aRS, 10bRS) -6-Benzo[1, 2, 5] oxadiazol-5-yl-9-ethoxy-8methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2RS, 4aRS, 10bRS) -9-Ethoxy-8-methoxy-6-(1-methyl-1Himidazol-2-yl)-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol,5-((2RS, 4aRS, 10bRS)-9-Ethoxy-2-hydroxy-8-methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-6-yl)-pyridine-2carboxylic acid methyl ester, (2RS, 4aRS, 10bRS) - 9 - (2, 2 - Difluoro - ethoxy) - 6 - (2, 6 - dimethoxy - ethoxy)pyridin-3-yl)-8-methoxy-1,2,3,4,4a,10b-hexahydrophenanthridin-2-ol, (2RS, 4aRS, 10bRS) - 9 - (2, 2 - Difluoro - ethoxy) - 8 - methoxy - 6 - (2 - Carrow - Carromethoxy-pyridin-3-yl)-1,2,3,4,4a,10b-hexahydrophenanthridin-2-ol, (2RS, 4aRS, 10bRS) -9-(2, 2-Difluoro-ethoxy) -8-methoxy-6-(6morpholin-4-yl-pyridin-3-yl)-1,2,3,4,4a,10b-hexahydrophenanthridin-2-ol, (2RS, 4aRS, 10bRS) -9-(2, 2-Difluoro-ethoxy) -8-methoxy-6pyridin-3-yl-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2RS, 4aRS, 10bRS) - 9 - (2, 2 - Difluoro - ethoxy) - 6 - (2, 6 - dimethoxy) - (2, 6 - dipyrimidin-4-yl)-8-methoxy-1,2,3,4,4a,10b-hexahydrophenanthridin-2-ol,

(2RS, 4aRS, 10bRS) -8-(2, 2-Difluoro-ethoxy) -6-(2, 6-dimethoxypyridin-3-yl)-9-methoxy-1,2,3,4,4a,10b-hexahydrophenanthridin-2-ol, (2RS, 4aRS, 10bRS) -6-(2, 6-Dimethoxy-pyridin-3-y1) -8, 9dimethoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2RS, 4aRS, 10bRS) - 6 - (2, 6-Dimethoxy-pyridin-4-y1) - 9 - ethoxy-8methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2RS, 4aRS, 10bRS) -6-(3-Chloro-2, 6-dimethoxy-pyridin-4-yl) -9-(2,2-difluoro-ethoxy)-8-methoxy-1,2,3,4,4a,10b-hexahydrophenanthridin-2-ol, (2R, 4aR, 10bR) -9-Ethoxy-8-methoxy-6-pyrimidin-5-yl-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2R, 4aR, 10bR) -9-Ethoxy-8-methoxy-6-(6-pyrazol-1-yl-pyridin-3-y1)-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol,[1,2']bipyridinyl-5'-yl)-1,2,3,4,4a,10b-hexahydrophenanthridin-2-ol, 6-((2R, 4aR, 10bR) - 9-Ethoxy - 2-hydroxy - 8-methoxy -1,2,3,4,4a,10b-hexahydro-phenanthridin-6-yl)-nicotinic acid methyl ester, (2R, 4aR, 10bR) -9-Ethoxy-8-methoxy-6-(2-methoxy-pyrimidin-5yl)-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol,

(2R, 4aR, 10bR) - 9 - Ethoxy - 8 - methoxy - 6 - (2, 4, 6 - trimethoxy - 6)pyrimidin-5-yl)-1,2,3,4,4a,10b-hexahydro-phenanthridin-2ol, (2R, 4aR, 10bR) - 6 - (2, 4-Dimethoxy-pyrimidin-5-yl) - 9 - ethoxy-8methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2R, 4aR, 10bR) -9-Ethoxy-8-methoxy-6-(5-methyl-pyrazin-2-yl) -1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2R, 4aR, 10bR) - 6 - (2, 6 - Dimethoxy - pyrimidin - 4 - y1) - 9 - ethoxy - 8 methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2R, 4aR, 10bR) - 9 - Ethoxy - 6 - (6 - imidazol - 1 - yl - pyridin - 3 - yl) - 8 methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2R, 4aR, 10bR) -9-Ethoxy-8-methoxy-6-pyrazin-2-yl-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-o1, benzotriazol-5-yl)-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2R, 4aR, 10bR) - 9 - Ethoxy - 8 - methoxy - 6 - (4 - methoxy - 1, 3 - dimethyl - 1)1H-pyrazolo[3,4-b]pyridin-5-yl)-1,2,3,4,4a,10b-hexahydrophenanthridin-2-ol, (2S, 4aS, 10bS) -6-(2, 6-Dimethoxy-pyridin-3-yl)-9-ethoxy-8methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol,

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(3SR, 4aRS, 10bRS) -8, 9-Dimethoxy-6-pyridin-3-yl-
1,2,3,4,4a,10b-hexahydro-phenanthridin-3-ol,
(2R, 4aR, 10bR) -6-(4-Chloro-2, 6-dimethoxy-pyridin-3-y1) -9-
ethoxy-8-methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-
ol,
(2R, 4aR, 10bR) -9-Ethoxy-8-methoxy-6-(2-methylsulfanyl-
pyridin-3-yl)-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol,
methylsulfanyl-pyrimidin-5-yl)-1,2,3,4,4a,10b-hexahydro-
phenanthridin-2-ol,
(2R, 4aR, 10bR) -6-(5-Chloro-2-methylsulfanyl-pyrimidin-4-yl) -
9-ethoxy-8-methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-
2-ol,
(2R, 4aR, 10bR) -9-Ethoxy-8-methoxy-6-(2-methoxy-pyridin-3-
yl)-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol,
5-((2R, 4aR, 10bR) - 9-Ethoxy - 2-hydroxy - 8-methoxy -
1,2,3,4,4a,10b-hexahydro-phenanthridin-6-yl)-1-methyl-1H-
pyridin-2-one,
(2R, 4aR, 10bR) -9-Ethoxy-8-methoxy-6-(6-methoxy-pyridin-3-
yl)-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol,
(2R, 4aR, 10bR) -6-(4-Chloro-2-dimethylamino-pyrimidin-5-yl)-
9-ethoxy-8-methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-
2-01,
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(2R, 4aR, 10bR) -6-(2-Dimethylamino-4-methoxy-pyrimidin-5-yl) -9-ethoxy-8-methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2R, 4aR, 10bR) - 6 - (4, 6 - Diethoxy-pyridin-3-yl) - 9 - ethoxy-8 methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2R, 4aR, 10bR) - 6 - (4, 6-Dimethoxy-pyridin-3-yl) - 9 - ethoxy-8 methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2R, 4aR, 10bR) -6-(2-Dimethylamino-pyrimidin-5-yl) -9-ethoxy-8methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2R, 4aR, 10bR) - 9 - Ethoxy - 6 - (5 - ethoxy - 6 - methoxy - pyridin - 3 - y1) -8-methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2R, 4aR, 10bR)-9-Ethoxy-8-methoxy-6-(2-methylsulfanylpyrimidin-5-yl)-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, 5-((2R, 4aR, 10bR)-9-Ethoxy-2-hydroxy-8-methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-6-yl)-1-methyl-1Hpyrimidin-2-one, (2R, 4aR, 10bR) -9-Ethoxy-6-(6-hydroxy-pyridin-3-y1) -8methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2R, 4aR, 10bR) - 6 - (3, 6 - Dimethoxy-pyridazin-4-y1) - 9 - ethoxy-8methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol,

(2R, 4aR, 10bR) - 6 - (4, 6 - Dimethoxy - pyrimidin - 5 - y1) - 9 - ethoxy - 8 - y1methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2RS, 4aRS, 10bRS) -9-Ethoxy-8-methoxy-6-pyridin-4-yl-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2RS, 4aRS, 10bRS) -9-Ethoxy-8-methoxy-6-pyridin-3-yl-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2RS, 4aRS, 10bRS) - 9 - Ethoxy - 8 - methoxy - 6 - (6 - morpholin - 4 - yl - archive)pyridin-3-yl)-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2RS, 4aRS, 10bRS) - 9 - (1, 1 - Difluoro - methoxy) - 6 - (2, 6 - dimethoxy - 6 - (2, 6) - dimethoxy - (2, 6) pyridin-3-yl)-8-methoxy-1,2,3,4,4a,10b-hexahydrophenanthridin-2-ol, (2RS, 4aRS, 10bRS) - 8 - (1, 1 - Difluoro - methoxy) - 6 - (2, 6 - dimethoxy pyridin-3-yl)-9-methoxy-1,2,3,4,4a,10b-hexahydrophenanthridin-2-ol, (2RS, 4aRS, 10bRS) - 6 - Benzo[1, 2, 5] oxadiazol -5 - yl - 8 - (1, 1 - yl - 8)difluoro-methoxy)-9-methoxy-1,2,3,4,4a,10b-hexahydrophenanthridin-2-ol, 8-methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2RS, 4aRS, 10bRS) -6-(5-Chloro-2, 6-bis-dimethylaminopyrimidin-4-yl)-9-ethoxy-8-methoxy-1,2,3,4,4a,10bhexahydro-phenanthridin-2-ol,

(2RS, 4aRS, 10bRS) -9-Ethoxy-8-methoxy-6-pyrimidin-5-yl-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2RS, 4aRS, 10bRS) -9-Ethoxy-8-methoxy-6-pyrazin-2-yl-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2RS, 4aRS, 10bRS) -6-(5-Chloro-4-methyl-3, 4-dihydro-2Hbenzo[1,4]oxazin-7-y1)-9-ethoxy-8-methoxy-1,2,3,4,4a,10bhexahydro-phenanthridin-2-ol, pyridin-3-yl)-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2RS, 4aRS, 10bRS) - 9 - Ethoxy - 6 - (6 - imidazol - 1 - yl - pyridin - 3 - yl) -8-methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2RS, 4aRS, 10bRS) -6-Benzo[1,2,3]thiadiazol-5-yl-9-ethoxy-8methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, yl-ethyl)-pyridin-3-yl]-1,2,3,4,4a,10b-hexahydrophenanthridin-2-ol, (2RS, 4aRS, 10bRS) -9-Ethoxy-8-methoxy-6-(2-methoxy-pyridin-3yl)-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2RS, 4aRS, 10bRS) -9-Ethoxy-8-methoxy-6-(1-methyl-1Hbenzotriazol-5-yl)-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol, (2RS, 4aRS, 10bRS) -9-Ethoxy-8-methoxy-6-quinoxalin-5-yl-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol,

(2RS, 4aRS, 10bRS) -6-(3-Chloro-2, 6-dimethoxy-pyridin-4-yl) -9-ethoxy-8-methoxy-1, 2, 3, 4, 4a, 10b-hexahydro-phenanthridin-2-ol.

(2RS, 4aRS, 10bRS) -8-(1, 1-Difluoro-methoxy) -9-methoxy-6pyridin-3-yl-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol,

(2RS, 4aRS, 10bRS) -8-(1,1-Difluoro-methoxy) -9-methoxy-6-(6morpholin-4-yl-pyridin-3-yl)-1,2,3,4,4a,10b-hexahydrophenanthridin-2-ol,

5-((2R, 4aR, 10bR)-9-Ethoxy-2-hydroxy-8-methoxy-1,2,3,4,4*,10b-hexahydro-phenanthridin-6-yl) pyridine-2-

carboxylic acid

5-((2R,4aR,10bR)-9-Ethoxy-2-hydroxy-8-methoxy-

1,2,3,4,4a,10b-hexahydro-phenanthridin-6-yl)-pyridine-2-carboxylic acid,

(2S, 4aS, 10bS) -6-(2,6-Dimethoxy-pyridin-3-yl)-8,9-dimethoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-2-ol,

1,2,3,4,4 a,10b-hexahydro-phenanthridin-2-ol, [[and]]

(3SR, 4aRS, 10bRS) - 6 - (2, 6-Dimethoxy-pyridin-3-y1) - 9 - ethoxy-8-

methoxy-1,2,3,4,4a,10b-hexahydro-phenanthridin-3-ol,

and the salts, enantiomers, N-oxides, salts of the N-oxides and enantiomers thereof

23. (Currently amended) Compounds A compound of formula I according to claim 1, which has any of the preceding claims, which have with respect to the positions 4a and 10b the configuration shown in formula I*:

or a salt, N-oxide or salt of an N-oxide thereof

and the salts, the N-oxides and the salts of the N-oxides

of these compounds.

24. (Currently amended) Compounds A compound of formula I according to claim 1, which has any of the preceding claims, which have with respect to the positions 2, 4a and 10b the configuration shown in formula Ia****, or, which

[[have]] has with respect to the positions 3, 4a and 10b the configuration shown in formula Ib****:

or a salt, N-oxide or salt of an N-oxide thereof

and the salts, the N-oxides and the salts of the N-oxides

of these compounds.

25. (Canceled)

26. (Currently amended) A pharmaceutical composition comprising one or more compounds of formula I as claimed in claim 1, or a pharmaceutically acceptable salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof, together with a pharmaceutically acceptable excipient and/or vehicle customary pharmaceutical excipients and/or vehicles.

27. - 28. (Canceled)

- 29. (Currently amended) A method for treating an illness illnesses in a patient comprising administering to said patient a therapeutically effective amount of a compound of formula I as claimed in claim 1, or a pharmaceutically acceptable salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof.
- 30. (Currently amended) A method for treating <u>an</u> airway <u>disorders</u> <u>disorder</u> in a patient comprising administering to said patient a therapeutically effective amount of a compound of formula I as claimed in claim 1, or a <u>pharmaceutically acceptable salt</u>, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof.
- 31. (New) A method for treating a PDE-mediated disorder in a patient comprising administering to said patient a therapeutically effective amount of a compound of formula I as claimed in claim 1, or a pharmaceutically acceptable salt, enantiomer, N-oxide, salt of an N-oxide or enantiomer thereof.